<u>**IN THE CLAIMS**</u>:

Please amend claims 1, 6, 9, and 14 as follows.

1. (Currently Amended) A method of controlling communication resources in a transmission from a first network element to a second network element, where the communication resources are allocated by a controller, comprising:

monitoring an indication of future need of communication resources in said first network element;

sending the indication from the first network element to the controller, wherein the indication is a coded value of ~~the~~ a length of the data queue;

controlling the communication resources between the first network element and the second network element based on this indication.

2. (Original) The method according to claim 1, wherein the first network element is connected to the controller by way of the second network element.

3. (Original) The method according to claim 1, wherein the indication includes information about a transmit buffer of the first network element.

4. (Original) The method according to claim 1, wherein the indication includes information on the additional resources needed for said first network element.

5. (Previously Presented) A method of controlling communication resources in a transmission from a first network element to a second network element across a network, where the communication resources are allocated by a controller in the network, comprising:

monitoring an indication of future need of communication resources in said first network element;

sending the indication from the first network element to the controller; and

controlling the communication resources between the first network element and the second network element based on this indication, and

wherein the controller is separate and independent from the first network element,

wherein the indication includes information about a transmit buffer of the first network element, wherein the indication includes coded values corresponding to predefined resources.

6. (Currently Amended) The method according to claim 4, wherein the indication includes information about a-the transmit buffer of the first network element.

7. (Original)A method according to claim 1, wherein the first network element is a mobile station and the second network element is a base station of a wireless communication network.

8. (Previously Presented) A system for controlling communication resources in a network, comprising:

a plurality of first stations;

a second station connected to the plurality of first stations through a plurality of communication links;

a controller for controlling the allocation of the communication resources among the links, the controller being separate and independent from the first stations,

said allocation being performed in accordance with information transmitted from the first stations which indicates a need for communication resources based upon the lengths of data queues in the first stations, wherein the information is a coded value of the lengths of the data queues.

9. (Currently Amended) The system according to claim 8, wherein said controller is part of ~~said~~ a base station.

10. (Original)The system according to claim 8, wherein said first stations are mobile stations in a wireless network.

11. (Previously Presented)The system according to claim 8, wherein each of said plurality of first stations includes:

a data generator;

a data queue;

an encoder for generating a code representative of the length of the data queue;

a transmitter for transmitting said data with said code included therein as a field.

12. (Previously Presented)The system according to claim 8, wherein said base station includes a receiver for receiving a transmission and producing data;

a decoder for decoding a field of said data and producing an indication of the data queue in an associated first station;

wherein said controller receives said information from said decoder and allocates communication resources in accordance therewith.

13. (Original) The system according to claim 8, wherein said indication is provided for each data block transmitted.

14. (Currently Amended) A base station comprising:

a receiver;

a decoder for decoding a code representative of a length of the a data queue in at least one mobile station; and

a controller for controlling allocation of communication resources,

wherein said decoder provides queue length information for the at least one mobile station to the controller.

15. (Previously Presented) A mobile station comprising:

a data generator;

a data queue;

an encoder for generating a code representative of a length of the data queue; and

a transmitter for transmitting data with said code included therein as a field.